



# MATERIAL SAFETY DATA SHEET

## ROOF PATCH™

Product Identity (As Used on Label and List)

### SECTION I

Manufacturer's Name OREGON RESEARCH & DEVELOPMENT CORPORATION	Emergency Telephone Number 911 – ASK FOR POISON CONTROL CENTER
Address 1895 16TH STREET S.E.	Telephone Number for Information 1-800-345-0809
SALEM, OREGON 97302-1436	Date Prepared 10/14/97
	Signature of Preparer (optional)

### SECTION II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s)), OSHA PEL, ACGIH TLV, Other Limits Recommended, %(optional)

Pigments

Acrylic Latex

Solvents (Water)

Ammonium Hydroxide - less than 1%

VOC Content – Less than 1 gram per liter

ALL MATERIALS ARE WITHIN ESTABLISHED EPA LIMITS

### SECTION III – Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity (H <sub>2</sub> O = 1)	1.30 est.
Vapor Pressure (mm Hg.)	1.75 mm Hg	Melting Point	N.A.
Vapor Density (AIR = 1)	N.A.	Evaporation Rate (Butyl Acetate = 1)	0.83 - 1.0
Solubility in Water	100% soluble in water		

Appearance and Odor

Thick, black/white waterbased coating. Nearly odorless.

### SECTION IV – Fire and Explosion Hazard Data

Flash Point (Method Used)	N.A.	Flammable Limits	N.A.	LEL	UEL
Extinguishing Media	N.A.				
Special Fire Fighting Procedures	N.A.				
Unusual Fire and Explosion Hazards	N.A.				

**SECTION V – Reactivity Data**

Stability	Unstable		Conditions to Avoid	None
	Stable	X		

Incompatibility (Materials to Avoid)

None

Hazardous Decomposition or Byproducts

Thermal decomposition may produce carbon monoxide and/or carbon dioxide.

Hazardous Polymerization	May Occur		Conditions to Avoid	None
	Will Not Occur	X		

**SECTION VI – Health Hazard Data**

Routes(s) of Entry: Inhalation? Skin? Ingestion?

See Emergency and First Aid Procedures.

Health Hazards (Acute and Chronic)

N.A.

Carcinogenicity:	N.A.	NTP?	No	IARC Monographs?	OSHA Regulated?	No	No
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Signs and Symptoms of Exposure

N.A.

Medical Conditions Generally Aggravated by Exposure

Contains some ammonia for pH control. Mist or liquid may irritate or burn eyes, skin and mucous membrane.

Emergency and First Aid Procedures

If swallowed, do not induce vomiting, give milk or water. Flush eyes and skin with water for at least 30 minutes if irritation occurs. Remove contaminated clothing. Seek medical attention as needed. Seek ventilation and fresh air as needed.

**SECTION VII – Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled

Since some persons might be skin sensitive, gloves are recommended. Use absorbent material and place in approved container and bury in approved landfill.

Waste Disposal Method

Dispose of according to Federal, State, and local regulations.

Precautions to Be Taken in Handling and Storing

Best stored between 40° and 80° F. **DO NOT FREEZE!**

Other Precautions

N.A.

**SECTION VIII – Control Measures**

Respiratory Protection (Specify Type)

N.A.

Ventilation	Local Exhaust Provide proper ventilation as needed.	Special	N.A.
	Mechanical (General) Acceptable	Other	N.A.
Protective Gloves	Advisable	Eye Protection	Safety glasses as needed.

Other Protective Clothing or Equipment

Wear protective clothing as needed.

Work/Hygienic Practices

An eyewash and safety shower should be nearby and ready for use.